

Incident Number	Air emission event at:	RN	Site Latitude	Site Longitude	Start Date	End Date	Type of Event	Cause	Location	Map	Source	Emission Point	LATITUDE	LONGITUDE	Comment
<a href="#">266570</a>	MARATHON PETROLEUM TEXAS CITY REFINERY	RN100210608	29.376111	-94.908056	8/27/2017	9/2/2017	emissions event	Severe rainfall caused roof integrity concerns on Tank 112. The roof was observed to be tilting on August 27, 2017, due to excessive rainwater from Hurricane Harvey. Efforts continue to drain the tank and return it to service. The material stored in the tank is Gasoline.	502 10TH ST S; TEXAS CITY, TX 77590	<a href="#">Map It</a>	T112	112	29.37017699	-94.91375858	
<a href="#">266675</a>	SHELL OIL DEER PARK	RN100211879	29.72222222	-95.12694445	9/1/2017	9/1/2017	emissions event	Release of hydrocarbon from tank G-342. The hydrocarbon leaked into the surrounding tank firewall/berm and was contained. Although the cause of the event is still under investigation, it is understood that the spill originated from a flange leak/opening on process piping.	5900 HIGHWAY 225; DEER PARK, TX 77536	<a href="#">Map It</a>	G342	G342	29.71731166	-95.13340425	
<a href="#">266341</a>	SHELL OIL DEER PARK	RN100211879	29.72222222	-95.12694445	8/28/2017	8/28/2017	emissions event	external floating roof of Tank G346 had material on top of the roof and in the dike area. Roof is sinking due to excessive rain.	5900 HIGHWAY 225; DEER PARK, TX 77536	<a href="#">Map It</a>	G346	G346	29.71908637	-95.13412395	
<a href="#">266266</a>	SHELL OIL DEER PARK	RN100211879	29.72222222	-95.12694445	8/27/2017	8/27/2017	emissions event	Release of a gasoline range material from permitted tank G-360. The cause of the release is unknown at this time. The release is has ceased. S	5900 HIGHWAY 225; DEER PARK, TX 77536	<a href="#">Map It</a>	G360	G360	29.71918897	-95.13559378	
<a href="#">267012</a>	SHELL OIL DEER PARK	RN100211879	29.72222222	-95.12694445	8/28/2017	9/7/2017	emissions event	Product appeared on the roof of A330. The cause of the product on the roof is under investigation. This occurred during Hurricane Harvey due to the heavy and substantial rainfall. The event is still ongoing. Based on the information known at the time of this initial report, Shell is not aware of any confirming information that would indicate that the affirmative defense criteria could not be met for this emission event. However, because the investigation of the emission event has not yet been completed, Shell's "YES" response to the affirmative defense question below may not represent a final response for determining application of the affirmative defense. The indicated response to the question was required for purposes of completing and submitting this initial report in a timely manner. Additional information regarding the basis for Shell's response to the affirmative defense question may be provided upon request when available.	5900 HIGHWAY 225; DEER PARK, TX 77536	<a href="#">Map It</a>	TA330	TA330	29.71280278	-95.14110145	
<a href="#">266275</a>	VALERO PARTNERS HOUSTON	RN100219310	29.72333333	-95.25305556	8/27/2017	8/28/2017	emissions event	Due to heavy rainfall complications with hurricane Harvey, product got on top of an external floating roof and into a dike firewall through tank roof drains.	9701 MANCHESTER ST; HOUSTON, TX 77012	<a href="#">Map It</a>	90FB003	90FB003	29.72101389	-95.25384723	
<a href="#">266556</a>	PASADENA TERMINAL	RN100224815	29.72851632	-95.20171754	8/30/2017	8/31/2017	emissions event	External floating roof tank 150-43 at the KM Pasadena Terminal experienced a partial submerged floating roof due to heavy rainfall from Hurricane Harvey. The tank is in gasoline service.	530 NORTH WITTER	<a href="#">Map It</a>	T150-43	T150-43	29.72377495	-95.20140834	
<a href="#">266265</a>	PASADENA TERMINAL	RN100224815	29.72851632	-95.20171754	8/27/2017	8/28/2017	emissions event	External floating roof tanks impacted by torrential downpour from Hurricane Harvey. Tank 150-8 external floating roof partially submerged, causing product to spill to the ground between tank and dike walls. Product discovered on roof of Tank 150-39, due to partially submerged roof.	530 NORTH WITTER	<a href="#">Map It</a>	T150-8	T150-8	29.72827222	-95.20441945	
<a href="#">266647</a>	PASADENA PRODUCT TERMINAL	RN101062610	29.71645142	-95.17736276	8/31/2017	8/31/2017	emissions event	Tank 2301 was impacted and a small amount of product was discovered on the roof. Available information cannot be used to determine the amount of product on the roof and whether emissions events have occurred. The final report will have the updated quantifications of emissions. Tank 2301 is an External Floating Roof.	100 JEFFERSON ST PASADENA TX	<a href="#">Map It</a>	TK-2301	TK-2301	29.71445887	-95.17893201	
<a href="#">266558</a>	PASADENA PRODUCT TERMINAL	RN101062610	29.71645142	-95.17736276	8/30/2017	8/30/2017	emissions event	Tank 2302 was impacted and a small amount of product was discovered on the roof. With this initial report, available information cannot be used to determine the amount of product on the roof and whether emissions events have occurred. The final report will have the updated quantifications of emissions. Tank 2302 is an External Floating Roof.	100 JEFFERSON ST PASADENA TX	<a href="#">Map It</a>	TK-2302	TK-2302	29.71751352	-95.1758664	
<a href="#">266263</a>	PASADENA PRODUCT TERMINAL	RN101062610	29.71645142	-95.17736276	8/27/2017	8/27/2017	emissions event	Tank 2303 was impacted and product was discovered on the roof. Available information cannot be used to determine the amount of product on the roof and whether emissions events have occurred. The final report will have the updated oil quantity and quantifications of emissions. Tank 2303 is an External Floating Roof.	100 JEFFERSON ST PASADENA TX	<a href="#">Map It</a>	TK-2303	TK-2303	29.7175081	-95.17674479	
<a href="#">266276</a>	PASADENA PRODUCT TERMINAL	RN101062610	29.71645142	-95.17736276	8/27/2017	8/27/2017	emissions event	Tank 1202 roof was impacted and product was discovered on the roof. Available information cannot be used to determine the amount of product on the roof and whether emissions events have occurred. The final report will have the updated oil quantity and quantifications of emissions. Tank 1202 is an External Floating Roof.	100 JEFFERSON ST PASADENA TX	<a href="#">Map It</a>	TK-1202	TK-1202	29.71860071	-95.17778125	
<a href="#">266648</a>	GALENA PARK TERMINAL	RN101921781	29.73722222	-95.22694445	8/31/2017	9/1/2017	emissions event	A crude oil leak was discovered in secondary containment of tank 4701 and later located on the floating roof.	901 CLINTON DR; GALENA PARK, TX 77547	<a href="#">Map It</a>	TK-101	TK-101	29.73794612	-95.22476902	
266754	MAGELLAN TERMINALS HOLDINGS LP	RN102180486	29.75000105	-95.20416177	8/31/2017	9/1/2017	emissions event	In the aftermath of Hurricane Harvey, Magellan personnel identified elevated LEL readings at Outfall 001 and at the Colex. Vapors were also reported with hydrocarbon odor. Magellan personnel notified 911 and evacuated the facility upwind. Operations and local emergency responders are attempting to identify the source of the vapors. Approximately 1,000 barrels of gasoline blendstock have been released. 500 Series Tank Area	12901 AMERICAN PETROLEUM RD GALENA PARK, TX 77547	<a href="#">Map It</a>			29.74891862	-95.20325586	No specific sources identified, just a tank group area. El coordiante is average of the 500 series tanks.
<a href="#">266294</a>	EXXON MOBIL BAYTOWN REFINERY	RN102579307	29.73944444	-95.00694445	8/27/2017	9/1/2017	emissions event	TK347 floating roof partially sank during the excess rain event from Hurricane Harvey. Portions of the unit emissions are authorized by Permit#18287/PSD-TX-730M4/PAL7.	2800 DECKER DR; BAYTOWN, TX 77520	<a href="#">Map It</a>	TK0347	TK0347	29.73888889	-95.01500001	
<a href="#">266382</a>	BLUE CUBE OPERATIONS FREEPORT	RN108772245	28.98666666	-95.37916667	8/28/2017	8/28/2017	emissions event	The release was caused by a leaking relief valve on a tank. Premature failure could have possibly been caused by the weather conditions associated with Hurricane Harvey.	2301 N BRAZOSPORT BLVD; FREEPORT, TX 77541	<a href="#">Map It</a>	OC5U5STV10	OC5SV404	28.97882778	-95.34525001	El data shows ource to be part of Dow Freeport, not BlueCube
<a href="#">266261</a>	CHEVRON PHILLIPS CHEMICAL CEDAR BAYOU PLANT	RN103919817	29.82222222	-94.92166667	8/27/2017	9/6/2017	air shutdown	Sitewide shutdown of Cedar Bayou Facilities in anticipation of tropical storm/hurricane. Site is currently under water; there is intermitant flaring, smoking flare due to lack of steam. No power at the site.	9500 INTERSTATE 10 E; BAYTOWN, TX 77521	<a href="#">Map It</a>	See second tab				

Source	Emission Point	LATITUDE	LONGITUDE
BF-801A	1592-10	29.82621544	-94.91672995
BF-801B	1592-10	29.82621544	-94.91672995
BF-801C	1592-11	29.82542365	-94.91658032
CB-710	1592-40	29.82410975	-94.91572747
1796-10A	1796-10A	29.82742175	-94.92745229
P-1796	1796-10A	29.82742175	-94.92745229
TK-561	1796-10A	29.82742175	-94.92745229
Z-101	110	29.82551416	-94.91718219
P-1891	MAINT1891	29.8246098	-94.91981381
P-1792	45	29.82872256	-94.9242488
P-1795	1795-53	29.82395323	-94.91470012
P-1796	1796-10A	29.82742175	-94.92745229
P-1797	136	29.82877752	-94.91736868
P-1798	1798-22	29.826347	-94.92009537
Z-101	110	29.82551416	-94.91718219
Z-251	129	29.82573906	-94.91722788